

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (currently amended) A method of managing a generation of backup data in a storage system carried out by a storage control device, said backup data being generated in each of a plurality of pairs originating from one volume, said method comprising:

receiving, from a host computer,

a split request for stopping synchronization between a primary volume and a secondary volume in one of said pairs, and

version information about a split process corresponding to said split request;

performing [[a]] said split process in which a backup between said primary volume and said secondary volume of said pair is performed in response to said split request and the synchronization of said pair is stopped; and

storing, for each said pair, said version information of said split process in a predetermined storage section.

2. (currently amended) A method of managing a generation of backup data according to claim 1, further comprising:

receiving, from said host computer,

a restore request for restoring said primary volume to [[the]] contents of [[a]] said secondary volume, and

version information indicating a version to be restored;

matching this comparing the received version information against with said version information of the split process that has been stored for each said pair in said storage section, and identifying the version information of the split process that matches said received version information; and

performing a restore process by copying, to said primary volume, said secondary volume corresponding to the identified version information.

3. (currently amended) A method of managing a generation of backup data according to claim 2, further comprising:

if, upon receiving a restore request from said host computer, version information for that restore request is not received,

extracting said version information of the split process that has been stored for each said pair in said storage section, and notifying [[this]] the extracted version information to said host computer; and

receiving, from said host computer, version information that has been selected from among said notified version information, and taking [[that]] the selected version information as the version information for said restore process.

4. (currently amended) A method of managing a generation of backup data according to claim 1, further comprising:

resetting said version information of the split process corresponding to said split request; and

notifying, to said host computer, said version information of the split process corresponding to said split request.

5. (currently amended) A method of managing a generation of backup data according to claim 1, wherein said version information includes at least one of:

time information originating from said host computer, and
a version ID designated by a user.

6. (currently amended) A storage control device used for managing a generation of backup data, said backup data being generated in each of a plurality of pairs originating from one volume, said storage control device comprising:

a processor ~~for reading/writing~~ configured to read/write data from/to a primary volume and a secondary volume in each said pair in response to a request from a host computer that is connected to said storage control device;

a receiving section ~~for receiving~~ configured to receive, from said host computer,

a split request for stopping synchronization between a primary volume and a secondary volume in one of said pairs, and
version information about a split process corresponding to said split request; and

a control section for performing a configured to perform said split process in which a backup between said primary volume and said secondary volume of said pair is performed in response to said split request and the synchronization of said pair is stopped;
[[and]]

[[a]] wherein said processor for storing is configured to store, for each said pair, said version information of said split process in a predetermined storage section.

7. (currently amended) A storage control device according to claim 6, further comprising: wherein

[[a]] said receiving section for receiving is configured to receive, from said host computer,

a restore request for restoring said primary volume to [[the]] contents of [[a]] said secondary volume, and

version information indicating a version to be restored;

[[a]] said processor for matching this is configured to compare the received version information against with said version information of the split process that has been stored for each said pair in said storage section, and identifying identify the version information of the split process that matches said received version information; and

[[a]] said control section is configured to perform for performing a restore process by copying, to said primary volume, said secondary volume corresponding to the identified version information.

8. (currently amended) A storage control device according to claim 7, further comprising:

[[a]] wherein said processor for extracting is configured to extract said version information of the split process that has been stored for each said pair in said storage section;

further comprising a notification section for notifying this configured to notify the extracted version information to said host computer; and

[[a]] wherein said receiving section ~~for receiving~~ is configured to receive, from said host computer, version information that has been selected from among said notified version information, and ~~taking that~~ take the selected version information as the version information for said restore process,

in case, upon receiving a restore request from said host computer, version information for that restore request is not received.

9. (currently amended) A storage control device according to claim 6, further comprising:

a notification section ~~for notifying~~ configured to reset said version information of the split process corresponding to said split request and to notify, to said host computer, said version information of the split process corresponding to said split request.

10. (currently amended) A storage control device according to claim 6, wherein said version information includes at least one of:

time information originating from said host computer, and
a version ID designated by a user.

11. (new) A storage control device used for managing a generation of backup data, said backup data being generated in each of a plurality of pairs originating from one volume, said storage control device comprising:

processing means for reading/writing data from/to a primary volume and a secondary volume in each said pair in response to a request from a host computer that is connected to said storage control device;

receiving means for receiving, from said host computer,
a split request for stopping synchronization between a primary volume and a secondary volume in one of said pairs, and
version information about a split process corresponding to said split request; and

control means for performing the split process in which a backup between said primary volume and said secondary volume of said pair is performed in response to said split request and the synchronization of said pair is stopped;

wherein said processing means stores, for each said pair, said version information of said split process in a predetermined storage section.

12. (new) A storage control device according to claim 11, wherein said receiving means receives, from said host computer, a restore request for restoring said primary volume to contents of said secondary volume, and

version information indicating a version to be restored;

wherein said processing means compares the received version information with said version information of the split process that has been stored for each said pair in said storage section, and identifying the version information of the split process that matches said received version information;

wherein said control means performs a restore process by copying, to said primary volume, said secondary volume corresponding to the identified version information.

13. (new) A storage control device according to claim 12, wherein said processing means extracts said version information of the split process that has been stored for each said pair in said storage section;

further comprising notification means for notifying the extracted version information to said host computer; and

wherein said receiving means receives, from said host computer, version information that has been selected from among said notified version information, and takes the selected version information as the version information for said restore process,

in case, upon receiving a restore request from said host computer, version information for that restore request is not received.

14. (new) A storage control device according to claim 11, further comprising:

notification means for resetting said version information of the split process corresponding to said split request and notifying, to said host computer, said version information of the split process corresponding to said split request.

15. (new) A storage control device according to claim 11, wherein said version information includes at least one of:
time information originating from said host computer, and
a version ID designated by a user.